

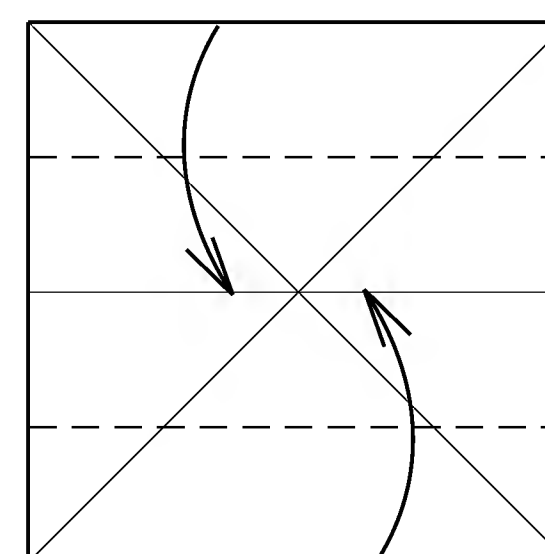
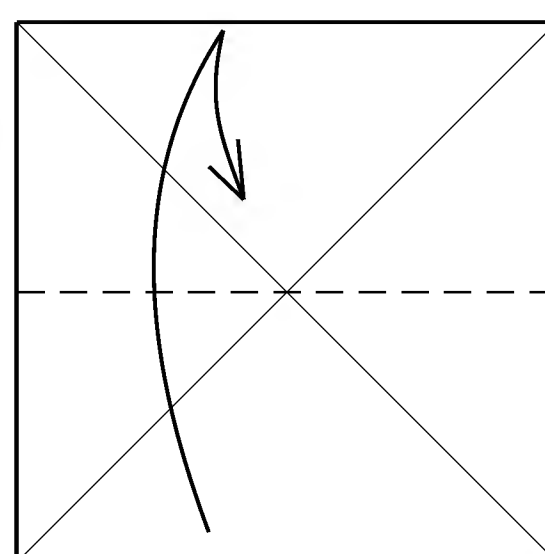
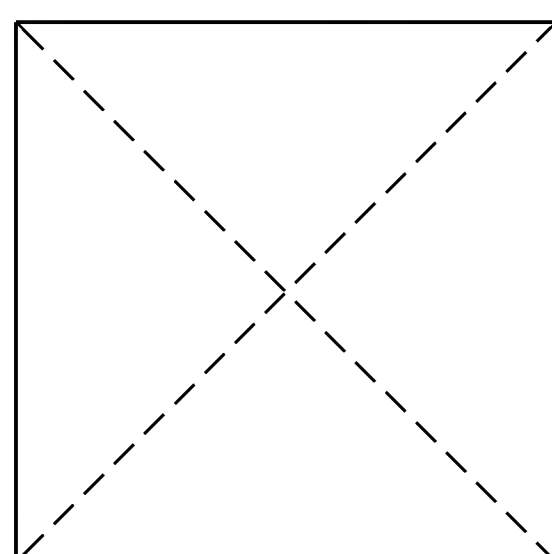
# GLUELESS UNIT FOR PUZZLE RING CUBE

VALERIE VANN 24 November 1995

Internet: 75070.304@compuserve.com

Use square paper, kami or similar light weight. As the layers make a fairly thick strip, use 6 inch + (3 inch cube). This version has the advantages of maximizing the friction Locking the units together, while making it easier to get at the last joint & reducing layers at the "hinges". Disadvantage - some of the facets are thicker and stiffer than others.

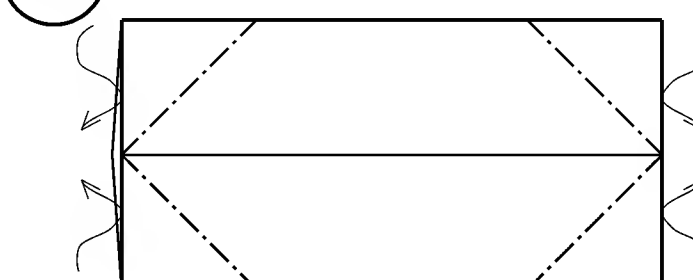
- ① COLOR UP. CREESE DIAGONALS ② WHITE UP. FOLD IN HALF ③ CLIPBOARD FOLD (HORIZONTAL 1/4s)



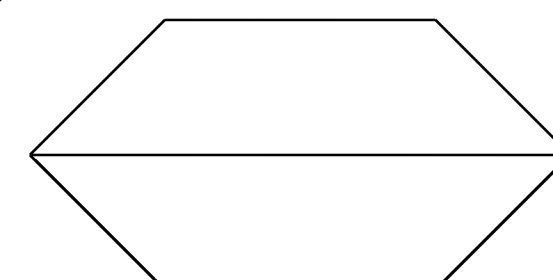
- ④ CREESE CORNERS AT 45 DEGREES



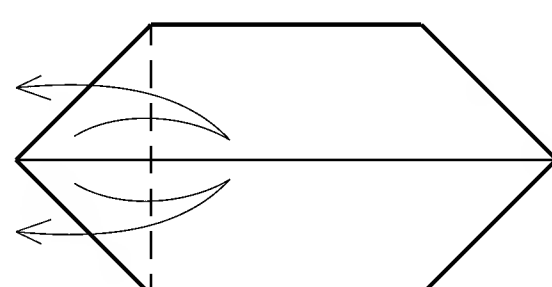
- ⑤ REVERSE INSIDE 4 CORNERS



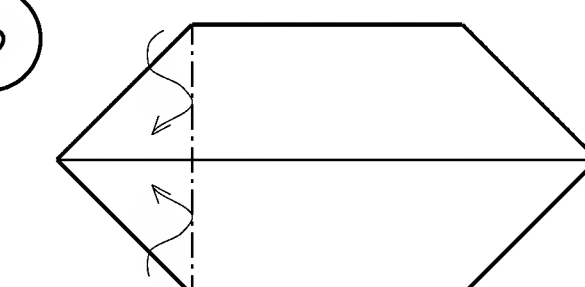
- ⑥ RESULT



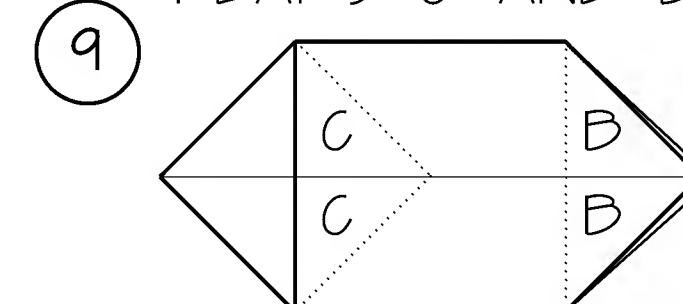
- ⑦ CREESE LEFT TOP LAYERS



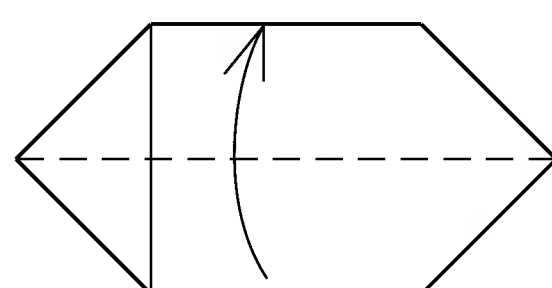
- ⑧ REVERSE INSIDE (INSIDE RABBIT EAR)



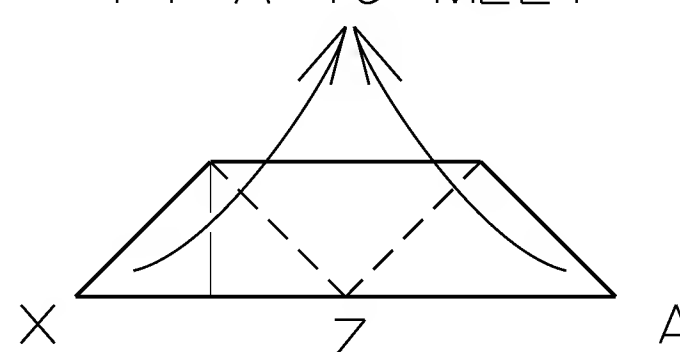
- ⑨ RESULTING FLAPS C AND B



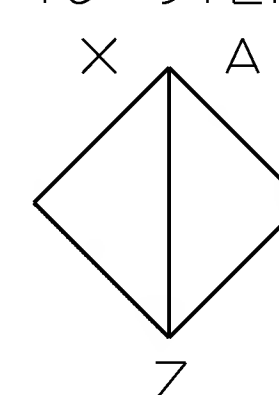
- ⑩ FOLD IN HALF



- ⑪ FOLD PT X AND PT A TO MEET



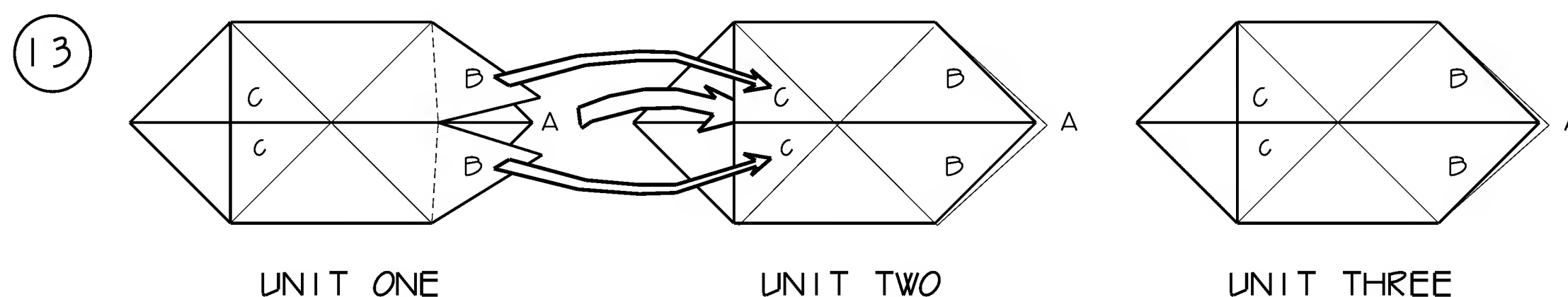
- ⑫ THEN UNFOLD TO STEP 8



# GLUELESS UNIT FOR PUZZLE RING CUBE (Continued)

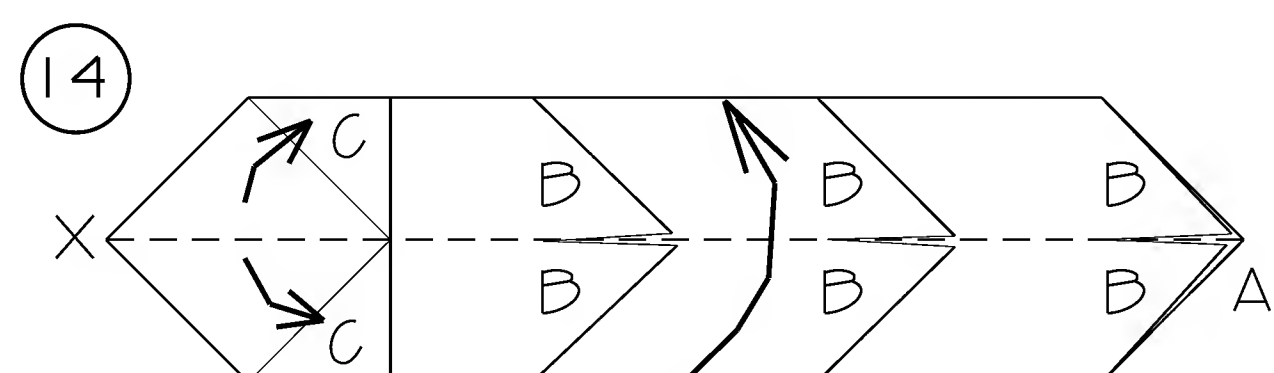
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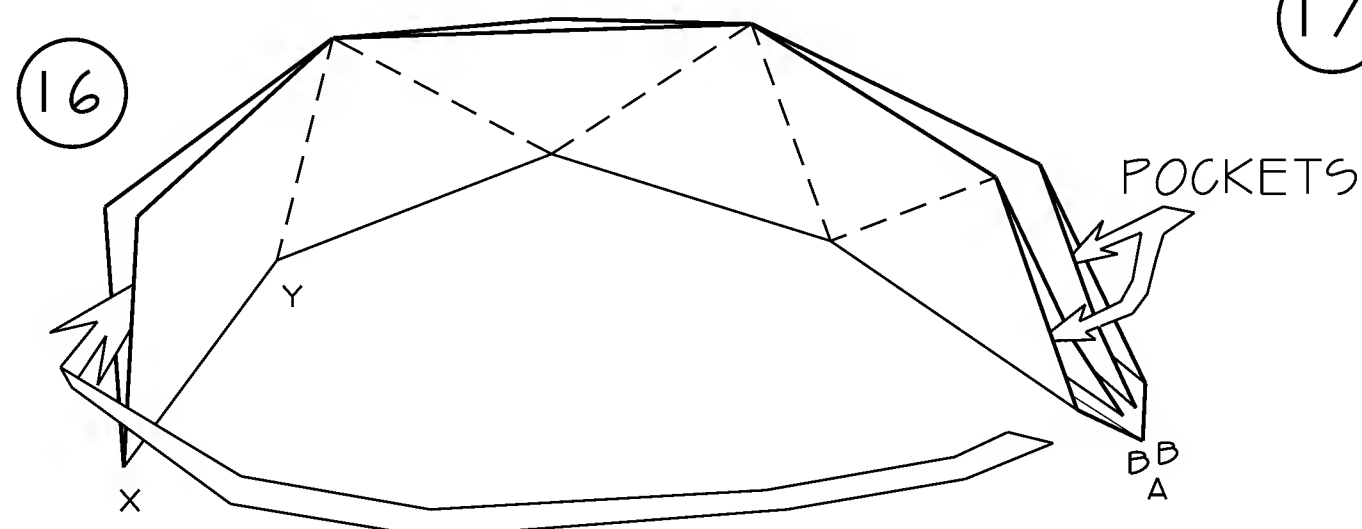
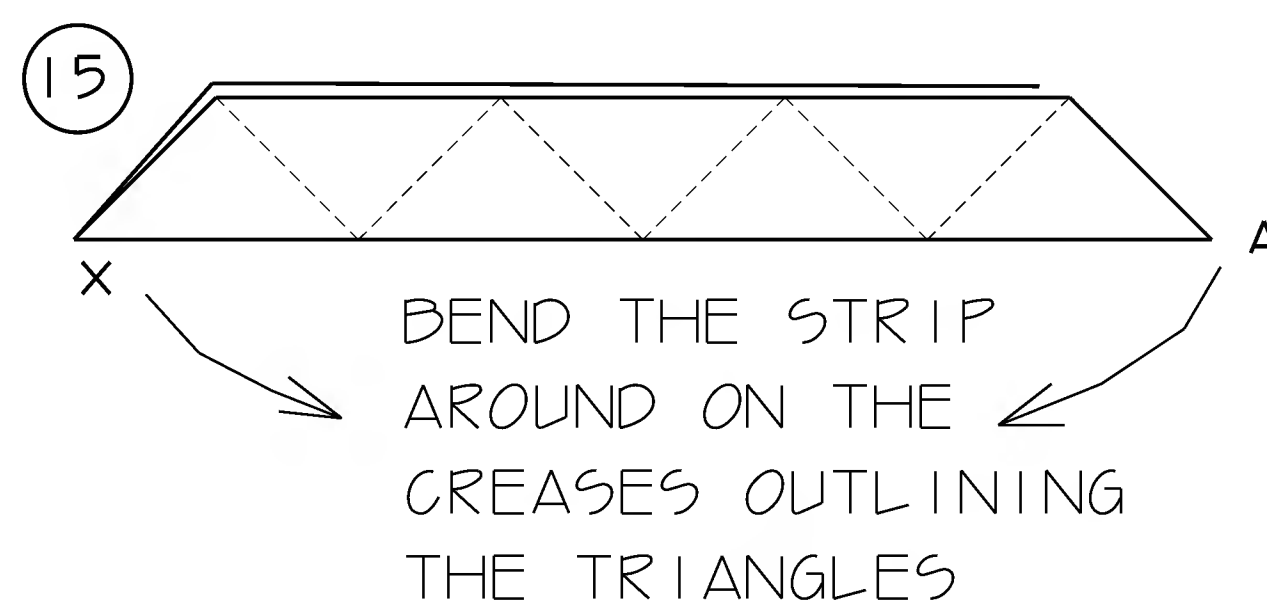


ASSEMBLE THREE UNITS IN A STRIP:

LIFT THE TABS B ON UNIT ONE. INSERT THE LOWER LAYER A OF UNIT ONE UNDER THE FLAPS C OF UNIT TWO WHILE KEEPING THE FLAPS B OF UNIT ONE ON TOP OF THE FLAPS C OF UNIT 2. REPEAT SIMILARLY TO JOIN UNITS TWO AND THREE.

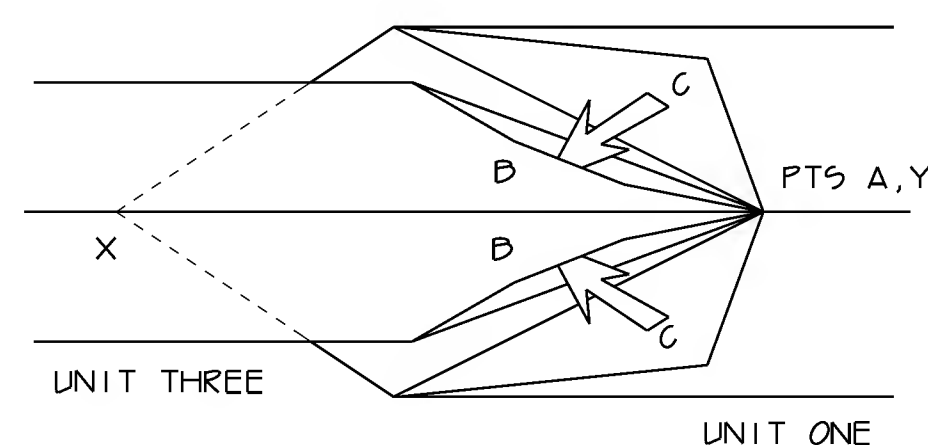


TURN FLAPS C OF UNIT ONE BACK.  
FOLD STRIP IN HALF LENGTHWISE.



CLOSE THE RING BY INSERTING  
ALL THE LAYERS B-A-B INSIDE OF  
END X. PUSH UNTIL A IS AT POINT Y

17 BIGGER TOP VIEW OF JOIN



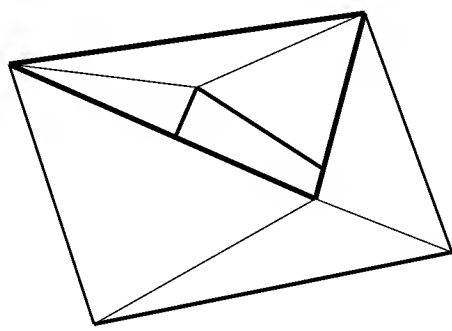
LOCK THE JOINT SIMILAR  
TO STEP 10 BY SPREADING  
THE LAYERS AND FOLDING  
THE FLAPS C DOWN INTO  
THE POCKETS BETWEEN THE  
OUTSIDE LAYERS OF UNIT ONE  
AND THE INSIDE FLAPS B.

# VIEWS OF 4-RING PUZZLE RING CUBE

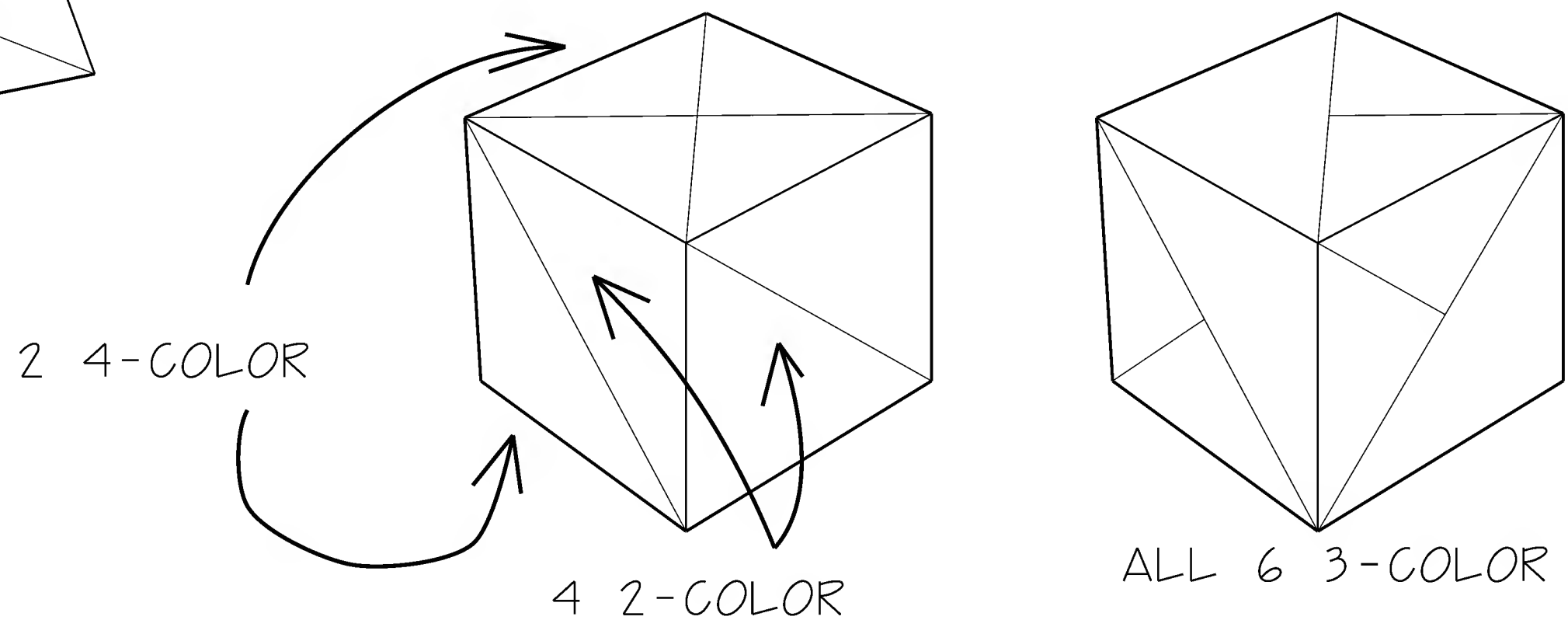
VALERIE VANN 24 November 1995

Internet: 75070.304@compuserve.com

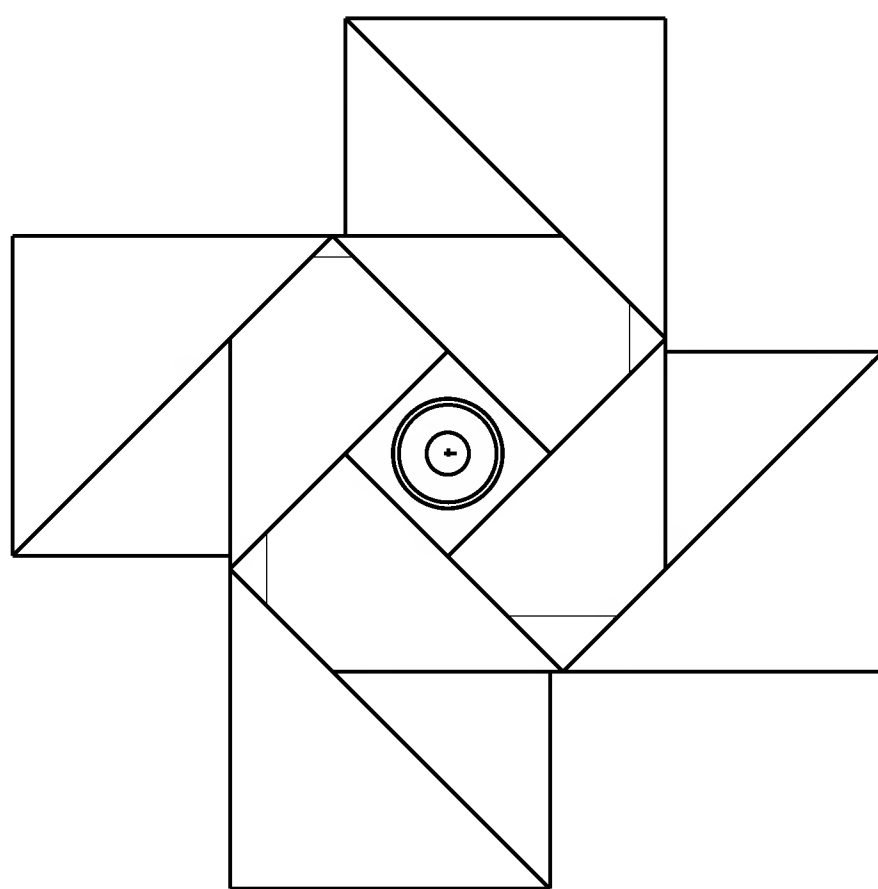
## (18) A COMPLETED RING



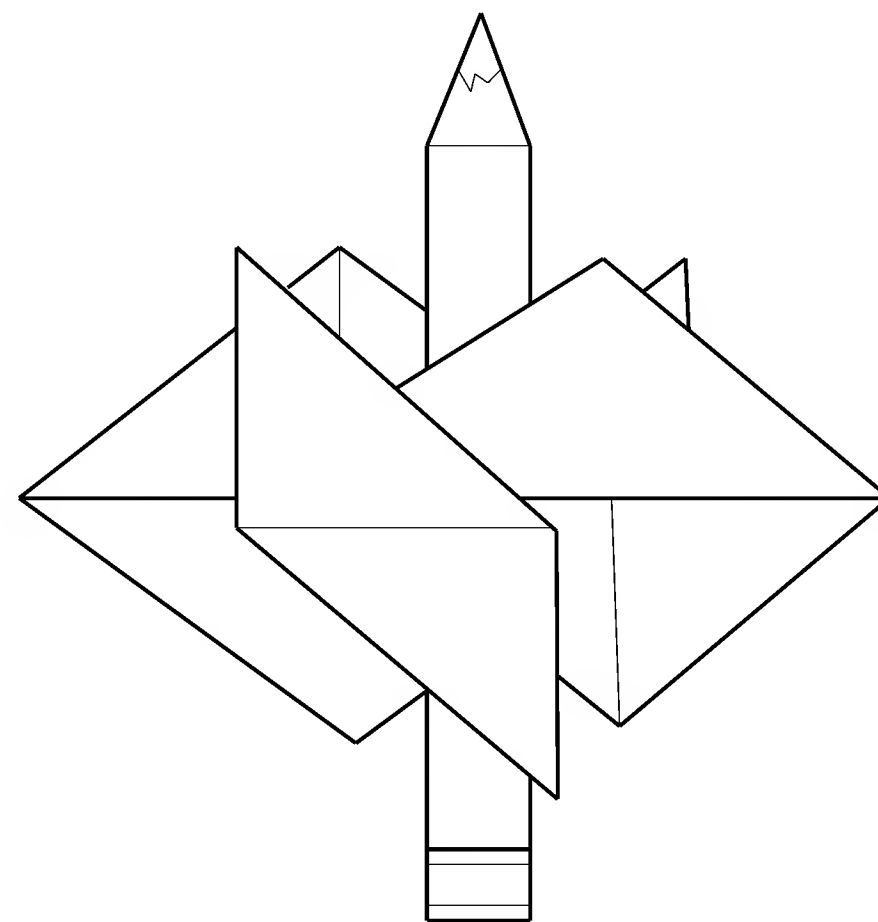
## (19) 2 SOLUTIONS TO 4-RING PUZZLE



## (20) TWO VIEWS OF 4-RING PUZZLE WITH A PENCIL THROUGH THE AXIS OF THE ENTWINED RINGS



TOP VIEW



FRONT VIEW

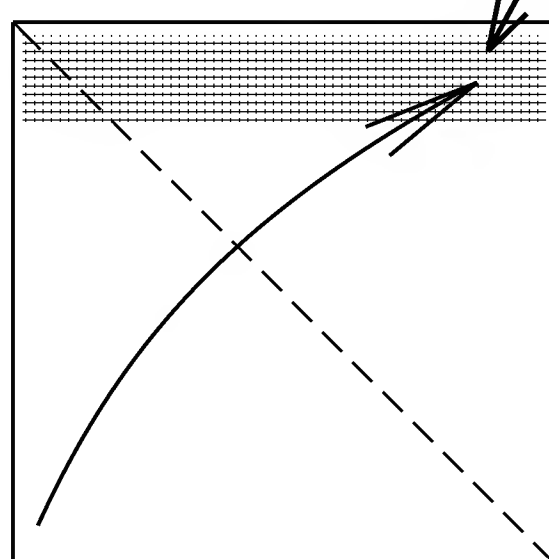
# TRIANGULAR DISH from POST-IT RING UNITS

VALERIE VANN 24 November 1995

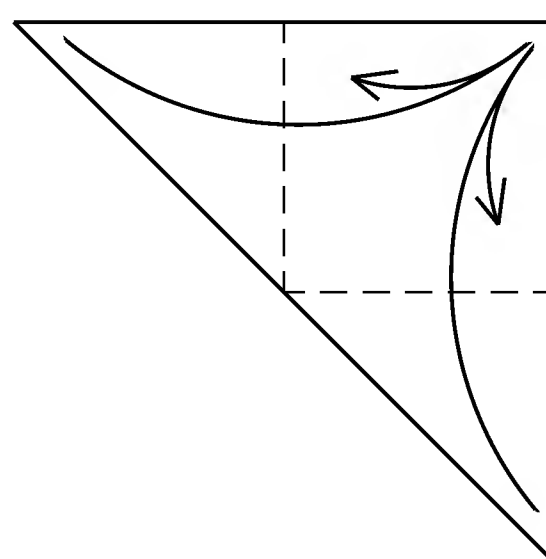
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Use square Post-its (tm). The 3 inch neon colors work well. You can use regular origami, giftwrap or bond paper but the bottom will have to be glued to be secure. Make 3 units. The fold in Step \_\_\_\_ is a "judgement fold", but error-tolerant. Just estimate the turned over flap at  $1/3$  the angle, or  $1/2$  the angle when folded in. WHITE UP mean non-sticky side.

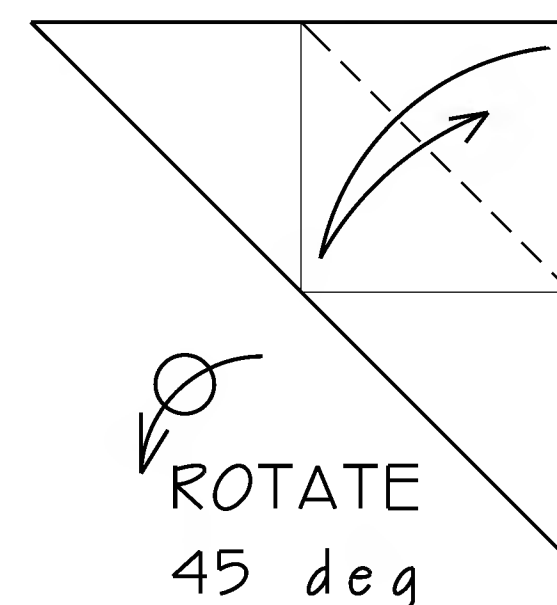
① WHITE UP.  
STICKY HERE



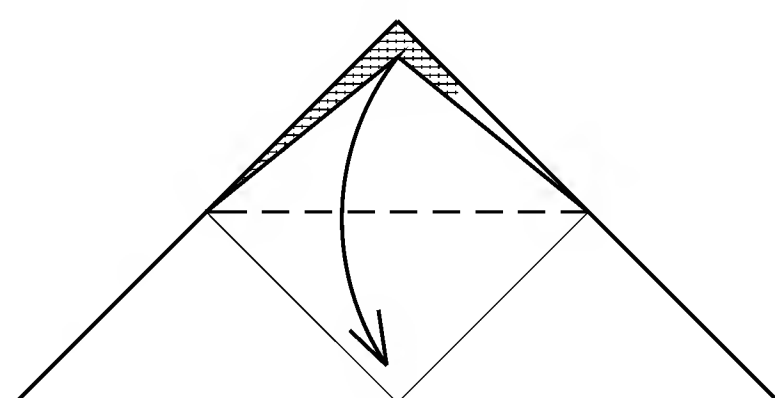
② FOLD AND  
UNFOLD



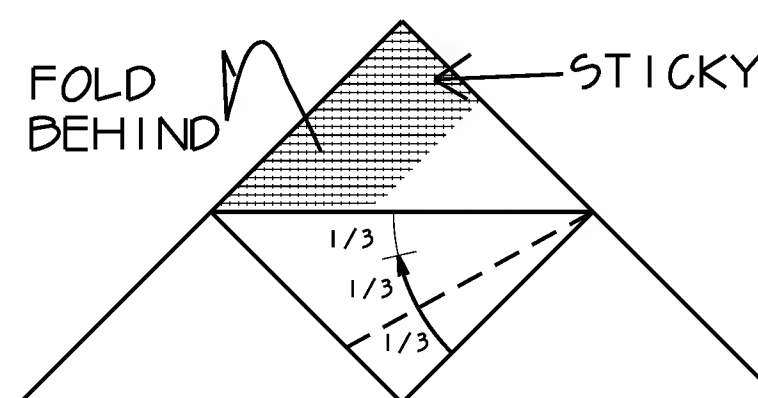
③ FOLD AND  
UNFOLD



④ LIFT TOP LAYER AND  
FOLD DOWN AGAIN

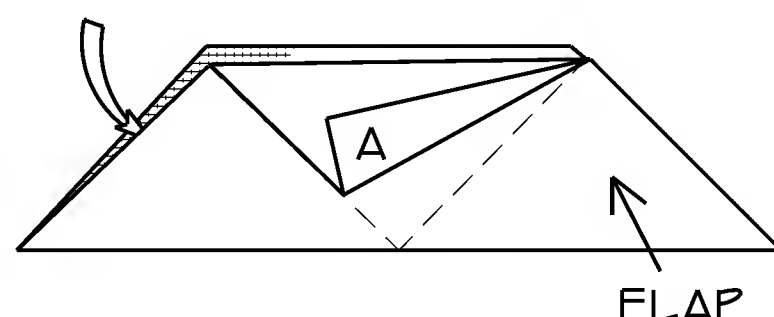


⑤ ESTIMATE  $1/3$  ANGLE  
& FOLD SMALL FLAP



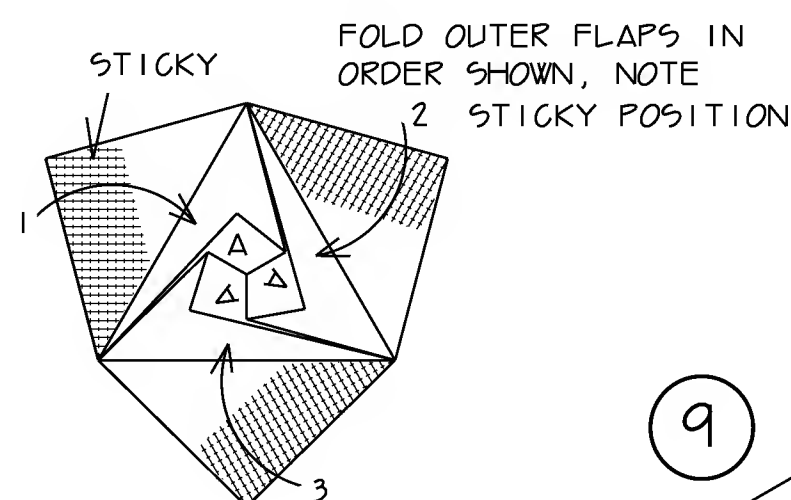
⑥ ESTIMATE  $1/3$  ANGLE  
& FOLD SMALL FLAP

POCKET WITH  
STICKY INSIDE



MAKE 3 UNITS. JOIN RING BY INSERTING FLAP INTO POCKET. FOLD INSIDE FLAPS A DOWN TO FORM BOTTOM OF THE DISH. TUCK EACH FLAP UNDER THE ADJACENT ONE. ( SEE STEP 7 )

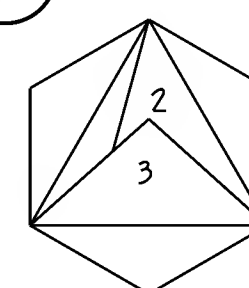
⑦ BOTTOM OUTSIDE  
VIEW OF DISH



COMPLETED  
DISH

⑧

BOTTOM  
VIEW



⑨

TOP  
VIEW

